

ABSTRACT

A method of constructing a mapping catheter is described where the catheter has numerous electrodes each associated with a single connection in a plug. The method consists of first arranging a plurality of wires in the desired relationship, with each of the wires running to a connection in a plug. Next, a single electrode is formed on each wire. Because it is often difficult to associate a particular connection with a particular plug, an electrical signal is then applied to a single one of the wires. The electrical signal can be applied to the connection or to the electrode. The electrical signal is then found among by examining either the electrodes or the connections, depending on which where the electrical signal was applied. Once the electrical signal is discovered, a map can be made between the connections and the electrodes.